

Louisiana's Uninsured Population: December 2012 Parish-level Forecast

A Report from the 2011 Louisiana Health Insurance Survey

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The Louisiana Health Insurance Survey (LHIS) represents the most comprehensive data collection effort in assessing health insurance coverage in Louisiana. The survey has been conducted every two years since 2003 with analysis from the 2011 LHIS providing the most recent estimates of insurance coverage in the state. Estimates of the percent of adults and children who are uninsured in each parish at the time of the survey were published in a separate report.

The purpose of this report is to present updated uninsured rates for children and adults in each of Louisiana's 64 parishes for December 2012. The basic approach is to build a statistical model to predict the number of uninsured based on socioeconomic characteristics of households using data from all prior LHIS surveys. We then apply this model to predict the impact of changes in socioeconomic characteristics for each parish during the most recent period, June 2012 to December 2012, to predict the change in uninsured rates for children and adults in each parish.

Table 1 contains the estimated percent of uninsured children for December 2012 and previous periods for comparison. Overall, the average estimated uninsured rate was slightly higher than in June. Between June and December, the estimated uninsured rate for children fell in 18 parishes and rose in 30. The largest changes were in Claiborne Parish and St. John the Baptist Parish, both showing increases in the uninsured rate. The overall estimated number of uninsured children is slightly higher, but within 200 children of June estimates.

Table 2 contains similar estimates of the percent uninsured for non-elderly adults. The results show that 26 of 64 parishes had uninsured rates fall, 21 rose, and the remaining 17 were unchanged. Again, Claiborne and St. John the Baptist Parishes saw the greatest changes, both rising by more than 1%. Overall, the adults saw a decrease in the number of uninsured.

Table 3 converts the estimated percentage of uninsured adults and children into estimates of the number of uninsured for each group by multiplying by the parish population size. There were an estimated total of 41,257 children without insurance and 639,878 non-elderly adults without insurance in Dec 2012.

Conclusion

This report predicts a slight increase in the uninsured children population and a decrease in the number of uninsured Louisiana adults. The change in the adult population made a greater impact, resulting in an overall decrease in the number of uninsured Louisianans, by a little over 1500 people.

**Table 1: Comparison of December 2012 Forecasts
to Past Estimates of Uninsured Children**

Parish	Region	Jun 2011 Estimates	Dec 2011 Estimates	Jun 2012 Estimates	Dec 2012 Estimates
Jefferson	1	4.0%	3.9%	4.1%	4.1%
Orleans	1	5.3%	5.2%	5.3%	5.0%
Plaquemines	1	4.6%	4.7%	4.6%	4.3%
St. Bernard	1	5.2%	4.9%	5.4%	4.9%
Ascension	2	2.1%	2.1%	2.2%	2.2%
East Baton Rouge	2	3.5%	3.6%	3.7%	3.7%
East Feliciana	2	3.0%	3.1%	3.1%	3.0%
Iberville	2	3.6%	3.6%	3.7%	3.9%
Pointe Coupee	2	4.5%	4.3%	4.6%	4.9%
West Baton Rouge	2	0.5%	0.6%	0.6%	0.7%
West Feliciana	2	8.8%	8.7%	8.6%	8.6%
Assumption	3	4.1%	4.3%	4.2%	4.1%
Lafourche	3	3.1%	2.3%	3.2%	3.1%
St. Charles	3	1.6%	1.7%	1.7%	1.8%
St. James	3	3.2%	3.4%	3.1%	3.1%
St. John The Baptist	3	3.0%	3.1%	3.2%	4.0%
St. Mary	3	0.7%	0.9%	0.8%	0.8%
Terrebonne	3	3.1%	3.1%	3.2%	3.2%
Acadia	4	3.5%	3.6%	3.5%	3.5%
Evangeline	4	0.8%	1.0%	0.9%	0.6%
Iberia	4	1.7%	1.9%	1.8%	1.7%
Lafayette	4	2.6%	2.4%	2.7%	2.7%
St. Landry	4	2.0%	2.0%	2.1%	2.2%
St. Martin	4	3.6%	3.9%	3.7%	3.8%
Vermilion	4	2.7%	2.8%	2.8%	2.7%
Allen	5	2.4%	2.8%	2.4%	2.3%
Beauregard	5	2.1%	2.1%	2.1%	2.4%
Calcasieu	5	3.3%	3.2%	3.4%	3.3%
Cameron	5	6.5%	6.7%	6.5%	6.6%
Jefferson Davis	5	5.7%	5.8%	5.7%	5.6%
Avoyelles	6	3.9%	4.2%	3.9%	4.0%
Catahoula	6	8.2%	8.7%	8.3%	8.4%
Concordia	6	3.8%	3.6%	3.9%	4.0%
Grant	6	7.8%	7.9%	7.8%	7.9%

**Table 1 (continued): Comparison of December 2012
Forecasts to Past Estimates of Uninsured Children**

Parish	Region	Jun 2011 Estimates	Dec 2011 Estimates	Jun 2012 Estimates	Dec 2012 Estimates
La Salle	6	5.4%	5.6%	5.4%	5.5%
Rapides	6	2.1%	2.1%	2.2%	2.3%
Vernon	6	2.0%	2.0%	2.0%	2.4%
Winn	6	7.8%	8.2%	7.8%	7.8%
Bienville	7	5.7%	5.8%	5.8%	5.9%
Bossier	7	2.7%	2.6%	2.8%	2.7%
Caddo	7	3.7%	3.7%	3.8%	3.9%
Claiborne	7	6.6%	6.7%	6.7%	7.8%
De Soto	7	3.3%	3.2%	3.4%	3.4%
Natchitoches	7	2.9%	2.9%	3.1%	3.2%
Red River	7	6.2%	6.1%	6.3%	6.4%
Sabine	7	5.1%	5.2%	5.2%	5.1%
Webster	7	6.0%	5.9%	6.1%	6.6%
Caldwell	8	3.1%	3.4%	3.1%	3.1%
East Carroll	8	3.9%	4.1%	4.0%	3.8%
Franklin	8	1.8%	1.8%	1.9%	1.8%
Jackson	8	2.4%	2.5%	2.3%	2.3%
Lincoln	8	4.1%	4.4%	4.3%	4.2%
Madison	8	4.6%	4.7%	4.7%	4.8%
Morehouse	8	4.6%	4.5%	4.8%	5.0%
Ouachita	8	1.0%	0.9%	1.2%	1.3%
Richland	8	1.6%	1.8%	1.7%	1.8%
Tensas	8	6.5%	6.9%	6.7%	6.7%
Union	8	3.3%	3.2%	3.4%	3.6%
West Carroll	8	3.1%	3.7%	3.1%	3.3%
Livingston	9	3.0%	3.0%	3.0%	3.1%
St. Helena	9	9.8%	10.2%	9.8%	10.5%
St. Tammany	9	3.1%	3.0%	3.2%	3.2%
Tangipahoa	9	4.8%	4.8%	5.0%	5.0%
Washington	9	3.2%	3.5%	3.3%	3.2%

**Table 2: Comparison of December 2012 Forecasts
to Past Estimates of Uninsured Adults**

Parish	Region	2011 Estimates	Dec 2011 Estimates	Jun 2012 Estimates	Dec 2012 Estimates
Jefferson	1	19.8%	19.9%	19.5%	19.4%
Orleans	1	20.7%	20.7%	19.7%	19.1%
Plaquemines	1	21.0%	21.1%	20.7%	20.1%
St. Bernard	1	23.5%	23.5%	23.5%	23.0%
Ascension	2	16.2%	16.3%	16.4%	16.4%
East Baton Rouge	2	22.0%	22.1%	22.1%	22.0%
East Feliciana	2	21.3%	21.3%	21.4%	20.9%
Iberville	2	20.7%	20.7%	20.6%	21.0%
Pointe Coupee	2	19.5%	19.6%	19.5%	19.8%
West Baton Rouge	2	18.4%	18.4%	18.4%	18.2%
West Feliciana	2	25.2%	25.2%	25.9%	25.9%
Assumption	3	26.0%	26.1%	25.9%	25.5%
Lafourche	3	21.5%	21.6%	21.5%	21.5%
St. Charles	3	18.8%	18.9%	18.9%	19.1%
St. James	3	28.1%	28.2%	28.2%	28.1%
St. John The Baptist	3	26.1%	26.2%	26.4%	27.7%
St. Mary	3	28.5%	28.6%	28.5%	28.4%
Terrebonne	3	25.8%	25.8%	25.8%	25.7%
Acadia	4	26.2%	26.2%	26.1%	25.9%
Evangeline	4	25.3%	25.4%	25.4%	24.6%
Iberia	4	22.1%	22.1%	22.0%	21.6%
Lafayette	4	20.2%	21.3%	21.2%	21.2%
St. Landry	4	26.6%	26.7%	26.5%	26.6%
St. Martin	4	28.1%	28.2%	28.0%	28.0%
Vermilion	4	20.7%	20.8%	20.7%	20.4%
Allen	5	22.5%	22.5%	22.8%	22.7%
Beauregard	5	21.2%	21.3%	21.3%	21.3%
Calcasieu	5	21.3%	21.4%	21.3%	21.3%
Cameron	5	19.8%	19.9%	19.6%	19.4%
Jefferson Davis	5	22.1%	22.1%	22.0%	22.1%
Avoyelles	6	28.0%	28.0%	28.1%	27.8%
Catahoula	6	33.7%	33.8%	34.1%	33.8%
Concordia	6	27.5%	27.6%	27.6%	27.4%
Grant	6	30.9%	30.9%	31.4%	31.3%

**Table 2 (continued): Comparison of December 2012 Forecasts
to Past Estimates of Uninsured Adults**

Parish	Region	2011 Estimates	Dec 2011 Estimates	Jun 2012 Estimates	Dec 2012 Estimates
La Salle	6	22.3%	22.5%	22.7%	22.8%
Rapides	6	23.7%	23.7%	23.7%	23.7%
Vernon	6	20.3%	20.4%	20.3%	20.8%
Winn	6	32.2%	32.2%	32.4%	32.0%
Bienville	7	30.9%	30.9%	30.9%	30.9%
Bossier	7	17.8%	17.8%	17.8%	17.8%
Caddo	7	27.6%	27.7%	27.6%	27.7%
Claiborne	7	30.2%	30.3%	30.7%	32.4%
De Soto	7	28.1%	28.2%	28.0%	28.3%
Natchitoches	7	28.0%	28.1%	28.0%	28.1%
Red River	7	39.5%	39.6%	39.3%	39.3%
Sabine	7	29.9%	29.9%	30.0%	29.9%
Webster	7	33.5%	33.5%	33.5%	34.3%
Caldwell	8	30.8%	30.8%	30.8%	30.4%
East Carroll	8	38.7%	38.8%	38.9%	38.1%
Franklin	8	33.0%	33.0%	33.0%	32.8%
Jackson	8	23.5%	23.5%	23.7%	23.6%
Lincoln	8	22.2%	22.3%	22.3%	22.3%
Madison	8	36.3%	36.4%	36.4%	36.4%
Morehouse	8	28.6%	28.6%	28.7%	28.9%
Ouachita	8	25.7%	25.7%	25.7%	25.9%
Richland	8	30.2%	30.3%	30.2%	30.6%
Tensas	8	34.3%	34.4%	34.3%	34.2%
Union	8	30.9%	30.9%	30.9%	31.2%
West Carroll	8	29.7%	29.7%	29.6%	29.5%
Livingston	9	20.4%	20.5%	20.5%	20.5%
St. Helena	9	33.8%	33.9%	33.8%	34.7%
St. Tammany	9	16.1%	16.1%	16.1%	16.1%
Tangipahoa	9	28.2%	28.2%	28.1%	28.2%
Washington	9	24.4%	24.4%	24.4%	24.3%

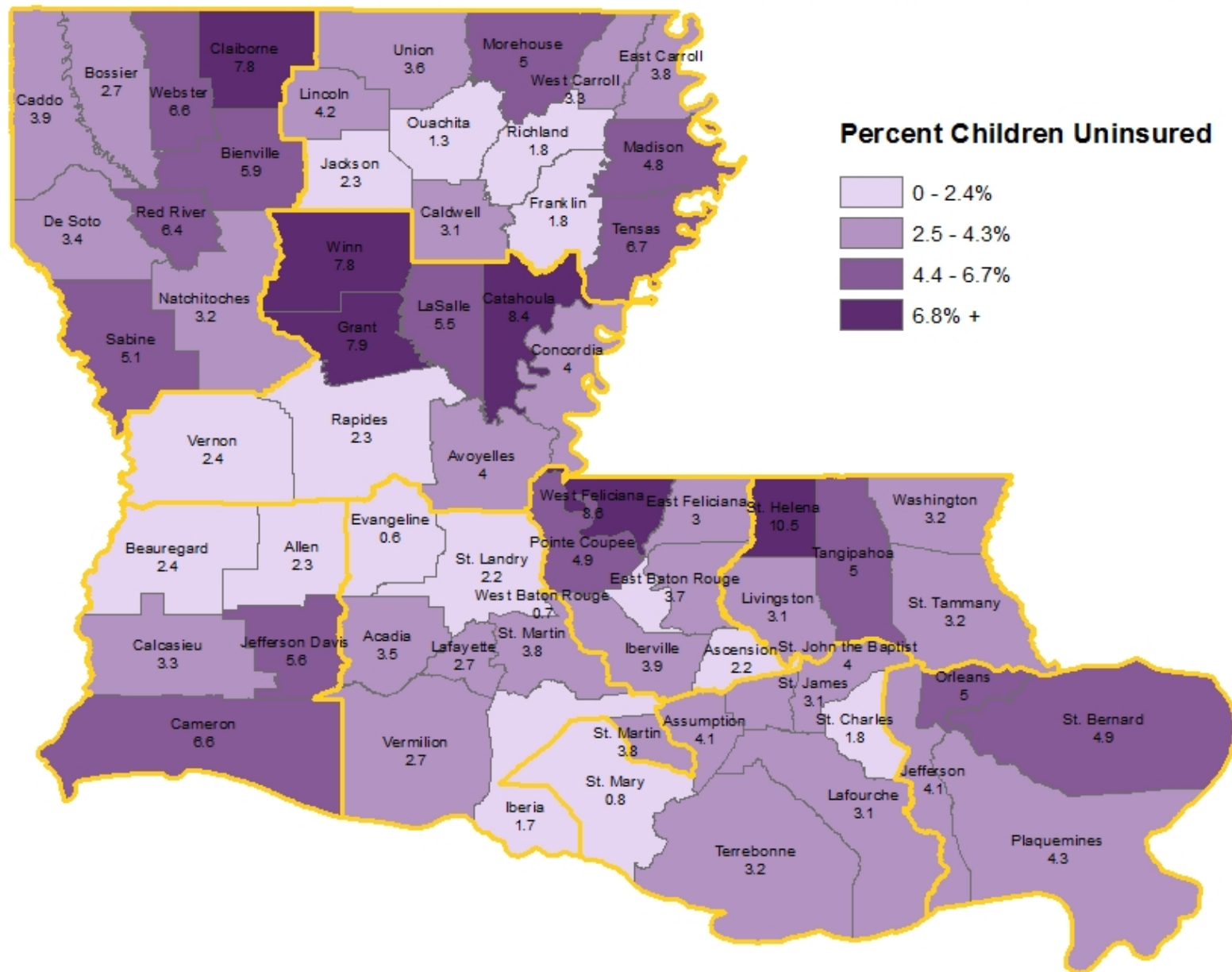
Table 3: December 2012 Forecast—Estimated Number of Uninsured Individuals by Parish

		Children (Under 19)			Adults (19-64)		
Region Name	Region	2011 Census Population	2012 Percent Uninsured	Estimated Number Uninsured	2011 Census Population	2012 Percent Uninsured	Estimated Number Uninsured
Jefferson	1	101,097	4.1%	4,145	271,601	19.4%	52,691
Orleans	1	83,488	5.0%	4,174	236,808	19.5%	46,178
Plaquemines	1	6,700	4.3%	288	14,277	20.5%	2,927
St. Bernard	1	10,700	4.9%	524	25,274	23.3%	5,889
Ascension	2	32,273	2.2%	710	67,730	16.4%	11,108
East Baton Rouge	2	113,177	3.7%	4,188	278,958	22.0%	61,371
East Feliciana	2	4,400	3.0%	132	13,035	21.3%	2,776
Iberville	2	7,838	3.9%	306	21,316	20.6%	4,391
Pointe Coupee	2	5,696	4.9%	279	13,439	19.5%	2,621
West Baton Rouge	2	6,256	0.7%	44	15,135	18.3%	2,770
West Feliciana	2	2,737	8.6%	235	11,067	25.8%	2,855
Assumption	3	5,837	4.1%	239	14,075	25.8%	3,631
Lafourche	3	24,886	3.1%	771	59,456	21.5%	12,783
St. Charles	3	14,464	1.8%	260	32,683	18.9%	6,177
St. James	3	5,784	3.1%	179	13,126	28.2%	3,702
St. John The Baptist	3	12,547	4.0%	502	27,809	26.3%	7,314
St. Mary	3	14,340	0.8%	115	32,770	28.5%	9,339
Terrebonne	3	30,163	3.2%	965	68,937	25.8%	17,786
Acadia	4	17,527	3.5%	613	36,411	26.1%	9,503
Evangeline	4	9,563	0.6%	57	19,818	25.4%	5,034
Iberia	4	20,777	1.7%	353	43,649	21.9%	9,559
Lafayette	4	57,866	2.7%	1,562	143,100	21.2%	30,337
St. Landry	4	23,741	2.2%	522	48,163	26.5%	12,763
St. Martin	4	14,424	3.8%	548	32,165	27.9%	8,974
Vermilion	4	16,100	2.7%	435	34,605	20.6%	7,129
Allen	5	6,077	2.3%	140	16,287	22.8%	3,713
Beauregard	5	9,744	2.4%	234	21,656	21.2%	4,591
Calcasieu	5	51,134	3.3%	1,687	117,994	21.3%	25,133
Cameron	5	1,730	6.6%	114	4,168	19.6%	817
Jefferson Davis	5	8,757	5.6%	490	18,277	22.0%	4,021
Avoyelles	6	10,564	4.0%	423	25,152	28.0%	7,043
Catahoula	6	2,476	8.4%	208	6,322	33.9%	2,143
Concordia	6	5,426	4.0%	217	12,376	27.5%	3,403

**Table 3 (continued): December 2012 Forecast—Estimated Number of Uninsured
Individuals by Parish**

Region Name	Region	2011 Census Population	2012 Percent Uninsured	Estimated Number Uninsured	2011 Census Population	2012 Percent Uninsured	Estimated Number Uninsured
Grant	6	5,250	7.9%	415	14,102	31.5%	4,442
La Salle	6	3,713	5.5%	204	9,067	22.6%	2,049
Rapides	6	35,638	2.3%	820	78,457	23.6%	18,516
Vernon	6	15,027	2.4%	361	32,014	20.3%	6,499
Winn	6	3,524	7.8%	275	9,352	32.5%	3,039
Bienville	7	3,468	5.9%	205	8,161	30.9%	2,522
Bossier	7	31,876	2.7%	861	73,442	17.8%	13,073
Caddo	7	66,674	3.9%	2,600	155,296	27.6%	42,862
Claiborne	7	3,390	7.8%	264	10,760	30.6%	3,293
De Soto	7	6,925	3.4%	235	15,945	28.0%	4,465
Natchitoches	7	10,835	3.2%	347	23,172	27.9%	6,465
Red River	7	2,387	6.4%	153	5,241	39.2%	2,054
Sabine	7	6,225	5.1%	317	13,970	29.9%	4,177
Webster	7	10,126	6.6%	668	24,234	33.4%	8,094
Caldwell	8	2,454	3.1%	76	6,108	30.7%	1,875
East Carroll	8	2,045	3.8%	78	4,639	39.0%	1,809
Franklin	8	5,538	1.8%	100	11,833	33.0%	3,905
Jackson	8	3,888	2.3%	89	9,705	23.7%	2,300
Lincoln	8	12,135	4.2%	510	29,402	22.4%	6,586
Madison	8	3,127	4.8%	150	7,411	36.4%	2,698
Morehouse	8	7,173	5.0%	359	16,132	28.7%	4,630
Ouachita	8	42,998	1.3%	559	92,541	25.6%	23,690
Richland	8	5,590	1.8%	101	12,336	30.3%	3,738
Tensas	8	1,281	6.7%	86	2,888	34.2%	988
Union	8	5,427	3.6%	195	13,456	30.8%	4,144
West Carroll	8	2,985	3.3%	99	6,602	29.6%	1,954
Livingston	9	36,726	3.1%	1,139	80,113	20.5%	16,423
St. Helena	9	2,863	10.5%	301	6,509	33.7%	2,194
St. Tammany	9	62,108	3.2%	1,987	143,727	16.0%	22,996
Tangipahoa	9	33,018	5.0%	1,651	75,241	28.1%	21,143
Washington	9	12,283	3.2%	393	27,915	24.3%	6,783

December 2012 LHIS Estimates Uninsured Rates for Children (under 19) by Parish



December 2012 LHIS Estimates Uninsured Rates for Adults (age 19-64) by Parish

